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United States Patent [19]**Liversidge et al.****[11] Patent Number: 5,145,684****[45] Date of Patent: Sep. 8, 1992****[54] SURFACE MODIFIED DRUG NANOPARTICLES**

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[58] Field of Search 424/495, 489, 499

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[57] ABSTRACT

Dispersible particles consisting essentially of a crystalline drug substance having a surface modifier adsorbed on the surface thereof in an amount sufficient to maintain an effective average particle size of less than about 400 nm, methods for the preparation of such particles and dispersions containing the particles. Pharmaceutical compositions containing the particles exhibit unexpected bioavailability and are useful in methods of treating mammals.

20 Claims, No Drawings